

DERWENT-ACC-NO: 2003-742184

DERWENT-WEEK: 200370

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TITLE: Organic electroluminescence display device using low transmittance substrate

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PRIORITY-DATA: 2001KR-0078103 (December 11, 2001)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
KR <u>2003048230</u> A	June 19, 2003	N/A	001	H05B 033/22

APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR	APPL-NO	APPL-DATE
KR2003048230A	N/A	2001KR-0078103	December 11, 2001

INT-CL (IPC): H05B033/22

ABSTRACTED-PUB-NO: KR2003048230A

BASIC-ABSTRACT:

NOVELTY - An organic electroluminescence display device is provided to achieve improved contrast by preventing reflection of the light applied from an external source, while reducing manufacturing costs.

DETAILED DESCRIPTION - An organic electroluminescence display device

comprises

a thin film transistor, a capacitor and an organic electroluminescence layer formed sequentially on a substrate. The substrate is a tint glass substrate(20) having a predetermined transmittance of 35 to 70%. The tint glass substrate is partially dark patterned. By using the tint glass substrate, a display light(24) emitted from red, green and blue phosphor layers

has an intensity similar to the intensity of the light in case where a polarizer plate is used.

CHOSEN-DRAWING: Dwg.1/10

**TITLE-TERMS: ORGANIC ELECTROLUMINESCENT DISPLAY DEVICE LOW
TRANSMITTANCE
SUBSTRATE**

DERWENT-CLASS: U11 U14 X26

EPI-CODES: U11-D03; U14-J02; X26-J;